

SaMS: Discussion Questions for 3rd Salt Tracking and Reporting Workgroup Meeting: Sept. 12, 2019

3rd SAC Meeting Comment: *“Tracking and evaluating BMP implementation, as part of SaMS implementation, should inform each organization’s continuous improvement processes.”*

Revised Draft Reporting Forms:

1. **Overall**, how well do the revised forms capture the conceptual recommendations presented at the 3rd SAC meeting?
 - a. Anything reflected not true to the concepts agreed to by Tier?
 - b. Anything missing from the revised forms that was indicated in conceptual matrix?
2. **Overall**, does the combination of Tiered Reporting on the same Forms work?
 - a. What concerns/confusion?
 - b. What suggestions to clarify/simplify?
3. **FORM A: Operational Areas Reporting**
 - a. Geographic Areas of Operations:
 - i. Should NoVA Towns be added?
 - ii. Is ability to circle multiple areas valuable for private sector reporting?
 - b. Treatment Areas: comments on **Transportation** categories:
 - i. Separately report Highway, Primary and Local roads?
 - ii. Alternately, or as an option, is Total Lane Miles preferred?
 - c. Treatment Areas: comments on **Property Maintenance** categories:
 - i. Separately report Parking Lots, Sidewalks, and Other Areas (driveways, recreational areas, etc.)?
 - ii. Alternately, or as an option, is Total Acres/sq.ft. of Property Maintenance preferred?
 - d. Storm Deployments:
 - i. For **Tier 2** reporting, is it desirable to quantify treatment areas for each storm?
 - ii. Alternately, or as an option, are notes indicating the scope of coverage relative to the organization’s total treatment areas (i.e., only highways treated, no local roads treated, etc.) preferred?
 - e. Treatment Areas: how can we most clearly/simply request **Tier 3 Operation Details** (transportation routes, property clusters, etc.)?
4. **FORM B: Product Use Reporting**
 - a. Tier 1 calls for entering Winter Season Totals only.
 - i. Discuss current/future availability of this information
 - ii. Discuss whether the “Application Rate Evaluation Process” section on determining actual product use is helpful, and any comments/suggestions.
 - b. % Materials Used for Anti-Icing:
 - i. How might this information be used? Does it warrant the added question?
 - ii. If retained, would it be better in amounts/type of product vs. percentage?

- c. **Tier 2** calls for entering Storm-specific product usage. Discuss as desired, remembering that reporting is voluntary.
- d. **Tier 3** calls for entering Treatment Area/Storm-specific product usage, which would allow for more specific analysis of water quality impacts.
 - i. What ideas does workgroup have on how to structure this detailed level of reporting?
 - ii. Share any thoughts on applying Tier 3 reporting in Public vs. Private context.

5. **FORM C: BMP Implementation Reporting**

- a. Tier 1 calls for Annual BMP reporting, Tier 2 calls for Storm-specific BMP reporting. Tier 1 and 2 call for responding to Yes/No/Limited-Partial-Revision questions about BMP Use, BMP Effectiveness, and Plans to Continue BMP.
 - i. Share feedback on proposal and general perspectives on BMP reporting.
- b. Tier 3 seeks narrative comments to explain nuances of BMP Use, barriers to use, effectiveness and future plans.
 - i. Share feedback on using narrative responses to elaborate on Y/N responses?
- c. **BMP Effectiveness:**
 - i. Effectiveness should link to achieving LOS goals with planned use of BMPs. Given BMPs often used in combinations (anti-icing, plowing, deicing) to achieve LOS goals, can effectiveness be answered specific to individual BMPs?
 - ii. What suggestions does workgroup have for BMP effectiveness evaluation, and reporting results of effectiveness assessment?
- d. **Barriers** to BMP Use: documenting barriers will be best done through narrative comments. What suggestions does workgroup have to report on BMP barriers?
- e. Levels of Service Questions: current draft tracks with Traditional BMP inventory. Does workgroup suggest an alternative approach?
- f. Salt Storage Questions: share feedback on current draft, which tracks with Traditional BMP inventory.
 - i. Is additional information/question on placement of salt storage warranted?

6. **FORM D: Winter Season/Storms Reporting**

- a. Tier 1 calls for reporting the Number of Storm Deployments. WQ Monitoring and Research workgroup requests this also document the Number of Days of Winter Operations. Seek feedback on proposal in the draft form.
- b. Tier 1 calls for Winter Season Totals for Snowfall, # Days Freezing Rain, and # Days Ice Accumulation.
 - i. Discuss reaction/ideas relative to proposed reporting format.
 - ii. Note that the Traditional BMP workgroup's "Evaluating Deicer Application Rate Achievement" suggests a different set of storm parameter's in Section 3 "Establish the winter storm severity". Would these be easier/more valuable to track/report?
- c. Tier 2 calls for Storm-Specific documentation of Storm Start/End, Temperature range, Inches Snowfall and Presence of Freezing Rain and Ice. Share reaction/ideas relative to the proposed reporting format.

- d. Tier 3 calls for Locally Detected operational storm parameters, without offering specific format. Discuss ideas on how locally detected operational conditions could be most effectively documented (and/or value to do so).

Post-Season Lessons Learned:

7. Participants in the Government Coordination Workgroup support holding a post-season Evaluation/Lessons Learned forum. This would provide opportunity to share own experiences from the previous winter season operations and learn from others experiences. Discuss whether proposed Tracking and Reporting forms would support this well – any suggestions to better document/share lessons learned?

Incentives for Reporting/Sharing Information:

9. To date, we have only noted that facilitating future MS4 reporting needs (where applicable) and meeting potential future Contract requirements may serve as incentives for reporting.
 - a. Share specific thoughts on how future contracting and MS4 requirements can serve as reporting incentives.
 - b. Any additional thoughts on practical incentives for reporting.
10. Share thoughts on what we should recommend in terms of how voluntary reporting information should be submitted/shared (with coordinating entity, with public?).